

Attorney's Docket No.: _____

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: my residence, post office address and country of citizenship are as stated below, next to my name; I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD FOR FORMING AN OPTIMIZED NEURAL NETWORK MODULE INTENDED TO SIMULATE THE FLOW MODE OF A MULTIPHASE FLUID STREAM

the specification of which

is attached hereto.

was filed on _____ as

United States Application Number _____

or PCT International Application Number _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits, under 35 U.S.C. 119(a)-(d) or 365(b), of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed?</u>
00/16878 (Number)	France (Country)	22 December 2000 (Foreign Filing Date)	<input checked="" type="checkbox"/> Yes No
_____ (Number)	_____ (Country)	_____ (Foreign Filing Date)	_____ Yes No
_____ (Number)	_____ (Country)	_____ (Foreign Filing Date)	_____ Yes No

I hereby claim the benefit, under 35 U.S.C. 119(e), of any United States provisional application(s) listed below:

<u>(Application Number)</u>	<u>Filing Date</u>
<u>(Application Number)</u>	<u>Filing Date</u>

I hereby claim the benefit, under 35 U.S.C. 120, of any United States application(s) listed below:

<u>(Application Number)</u>	<u>Filing Date</u>	<u>(Status -- patented, pending, abandoned)</u>
<u>(Application Number)</u>	<u>Filing Date</u>	<u>(Status -- patented, pending, abandoned)</u>

10024310
I hereby appoint: Donald R. Antonelli, Reg. No. 20,296; Melvin Kraus, Reg. No. 22,466; William I. Solomon, Reg. No. 28,565; Gregory E. Montone, Reg. No. 28,141; Ronald J. Shore, Reg. No. 28,577; Donald E. Stout, Reg. No. 26,422; Alan E. Schiavelli, Reg. No. 32,087; James N. Dresser, Reg. No. 22,973; Carl I. Brundidge, Reg. No. 29,621; Paul J. Skwierawski, Reg. No. 32,173; and Robert M. Bauer, Reg. No. 34,487; of ANTONELLI, TERRY, STOUT & KRAUS, LLP with offices located at 1300 North Seventeenth Street, Suite 1800, Arlington, Virginia 22209, my attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send all correspondence to:

Customer Number 020457
ANTONELLI, TERRY, STOUT & KRAUS, LLP
1300 North Seventeenth Street
Suite 1800
Arlington, VA. 22209

Direct all telephone calls and faxes to:

TEL: (703) 312-6600
FAX: (703) 312-6666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First Inventor Isabelle REY-FABRET

Inventor's Signature Isabelle Rey Fabret Date 21st November 2001
Residence Same as P.O. Box Address Citizenship French
(City, State) (Country of Citizenship)
Mailing Address 48, rue Champ Lagarde, 78000 VERSAILLES, FRANCE

Full Name of Second/Joint Inventor Emmanuel DURET

Inventor's Signature Emmanuel Duret Date 24 November 2001
Residence Same as P.O. Box Address Citizenship French
(City, State) (Country of Citizenship)
Mailing Address 8, rue Isabey, 92500 RUEIL MALMAISON, FRANCE

Full Name of Third/Joint Inventor Eric HEINTZE

Inventor's Signature Eric Heintze Date 21 November 2001
Residence Same as P.O. Box Address Citizenship French
(City, State) (Country of Citizenship)
Mailing Address 3, rue du Progrès, 92190 MEUDON, FRANCE

Full Name of Fourth/Joint Inventor Véronique HENRIOT

Inventor's Signature Véronique Henriot Date 24th November 2001

Residence Same as P.O. Box Address Citizenship French

(City, State) (Country of Citizenship)

Mailing Address 5, rue Yves du Manoir, 92500 RUEIL MALMAISON, FRANCE

Full Name of Fifth/Joint Inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

(City, State) (Country of Citizenship)

Mailing Address _____

Full Name of Sixth/Joint Inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

(City, State) (Country of Citizenship)

Mailing Address _____

Full Name of Seventh/Joint Inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

(City, State) (Country of Citizenship)

Mailing Address _____

10024210 - 4263101